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IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Arnold Attn: DO/US  
International Appl. No.: PCT/DE99/02142  
International Filing Date: July 13, 1999  
For: METHOD FOR TRANSMITTING INFORMATION BY MEANS OF DIGITAL  
TRANSMISSION SIGNALS

January 12, 2001

3/A  
RS

3-9-01

Box PCT  
Assistant Commissioner of Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Kindly amend the above identified application as follows,  
prior to the calculation of the filing fee:

In the Claims

Cancel Claims 1-23, without prejudice.

Add the following new Claims 24-47:

24. A method of transmitting information by means of digital transmission signals which have a predeterminable transmission frequency, comprising converting the transmission frequency in a signal converter by superposing a transmission signal with at least one additional signal of a predeterminable frequency on a component with a linear characteristic curve, with the frequency of the additional signal being selected such that the superposition generates a beat pattern.

25. The method of claim 24, wherein the frequency of the additional signal is close to the transmission frequency of the transmission signal.

26. The method of claim 24, wherein the transmission signals are prefiltered before the superposition.

27. The method of claim 24, wherein the transmission signals are amplified before the superposition.